

5-19-03
STATE OF TEXAS

In the Description:

The Section beginning at Page 1, line 6, to have the following sections inserted before the heading "Summary of the Invention" as follows:

Background to the Invention

Most prior art printers comprise a print controller for receiving print information from a computer. The print information is usually supplied in a page description language, such as Adobe PostScript. The print controller takes the print information and performs operations on it in order to convert it to a form suitable for supply to one or more printheads. These operations can include, for example, decompression of compressed data, rasterization, compositing and scaling. Most printers have a print controller that supplies processed data to a single printhead.

a) In duplex printers, both sides of a page need to be printed. Often, this is achieved by printing one side of the page first, followed by the other side, sometimes using the same printhead. In other embodiment, a pair of printheads are used, one for printing either side of the page. In US patent 5,784,077 (Silverbrook), a pair of printheads are disposed at different points along a paper pathway.

Prior art arrangement make registration between information printed on respective front and rear sides of a page relatively difficult to achieve.